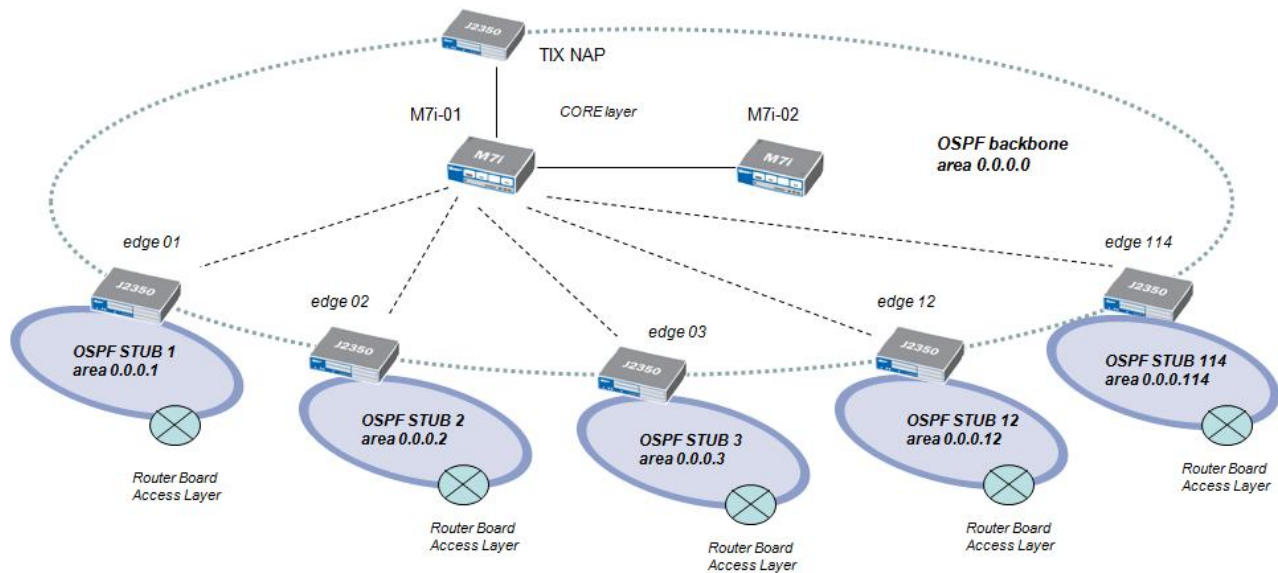Configurazioni router Juniper per un progetto OSPF STUB AREA:

Il ruolo di ABR (Area Border Router) è dedicato su tutti i router Edge layer; la configurazione di essi prevede pertanto sia un collegamento verso l'area 0.0.0.0 di backbone sia un collegamento verso la rispettiva area STUB

In area 0.0.0.0 di backbone partecipano i seguenti router:

- ✓ CORE: M7i-01 + M7i-02 + TIX

- ✓ EDGE: J2350-01 + J2350-02 + J2350-03 + J2350-12 + J2350-114

Ad ogni router di Edge viene assegnata una rispettiva area STUB:

- J2350-01: OSPF STUB area 0.0.0.1

- J2350-02: OSPF STUB area 0.0.0.2

- J2350-03: OSPF STUB area 0.0.0.3

- J2350-12: OSPF STUB area 0.0.0.12

- J2350-114: OSPF STUB area 0.0.0.114

Router Edge-01	Configurazione
protocols {	protocol
ospf {	ospf
area 0.0.0.0 {	area 0.0.0.0 Backbone
interface ge-0/0/0.0;	interfaccia con area di backbone
}	!
area 0.0.0.1 {	area 0.0.0.1 (stub area)
stub default-metric 1 no-summaries;	type STUB
interface ge-0/0/1.0;	*default-metric 1:* metric for the default route in this stub area
interface ge-0/0/1.1;	
interface ge-0/0/1.2;	*no-summaries:* don't flood summary LSAs into this stub area
interface ge-0/0/1.3;	interface on area Stub 0.0.0.1

Router Edge-02	Configurazione
protocols {	protocol
ospf {	ospf
area 0.0.0.0 {	area 0.0.0.0 Backbone
interface ge-0/0/0.0;	interfaccia con area di backbone
}	!
area 0.0.0.2 {	area 0.0.0.2 (stub area)
stub default-metric 1 no-summaries;	type STUB
interface ge-0/0/1.0;	*default-metric 1:* metric for the default route in this stub area
interface ge-0/0/1.1;	
interface ge-0/0/1.2;	*no-summaries:* don't flood summary LSAs into this stub area
interface ge-0/0/1.3;	interface on area Stub 0.0.0.2
interface ge-0/0/1.4;	

Router Edge-03	Configurazione
protocols {	protocol
ospf {	ospf
area 0.0.0.0 {	area 0.0.0.0 Backbone
interface ge-0/0/0.0;	interfaccia on area di backbone
}	!
area 0.0.0.3 {	area 0.0.0.3 (stub area)
stub default-metric 1 no-summaries;	type STUB
interface ge-0/0/1.0;	*default-metric 1:* metric for the default route in this stub area
interface ge-0/0/1.1;	
interface ge-0/0/1.2;	*no-summaries:* don't flood summary LSAs into this stub area
interface ge-0/0/1.3;	
interface ge-0/0/1.4;	interface on area Stub 0.0.0.3
interface ge-0/0/1.5;	
interface ge-0/0/1.6;	
interface ge-0/0/1.9;	
interface ge-0/0/1.11;	
interface ge-0/0/1.16;	
interface ge-0/0/1.110;	

Router Edge-12	Configurazione
protocols {	protocol
ospf {	ospf
area 0.0.0.0 {	area 0.0.0.0 Backbone
interface ge-0/0/0.0;	interfaccia on area di backbone
}	!
area 0.0.0.12 {	area 0.0.0.12 (stub area)
stub default-metric 1 no-summaries;	type STUB
interface ge-0/0/1.0;	*default-metric 1:* metric for the default route in this stub area
interface ge-0/0/1.1;	
interface ge-0/0/1.110;	*no-summaries:* don't flood summary LSAs into this stub area
	interface on area Stub 0.0.0.12

Router Edge-114	Configurazione
protocols {	protocol
ospf {	ospf
area 0.0.0.0 {	area 0.0.0.0 Backbone
interface ge-0/0/0.0;	interfaccia on area di backbone
}	!
area 0.0.0.114 {	area 0.0.0.114 (stub area)
stub default-metric 1 no-summaries;	type STUB
interface ge-0/0/1.0;	***default-metric 1:*** metric for the default route in this stub area
interface ge-0/0/1.1;	***no-summaries:*** don't flood summary LSAs into this stub area
interface ge-0/0/1.2;	interface on area Stub 0.0.0.114